

Title (en)
A COATING AND A METHOD FOR PREPARING THEREOF

Title (de)
BESCHICHTUNG UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
REVÊTEMENT ET SON PROCÉDÉ DE PRÉPARATION

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Application
EP 12822095 A 20120802

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Abstract (en)
[origin: WO2013021099A1] The invention relates to a method for preparing a thermoplastic coating on a substrate from a hemicellulose polymer or a cellulose polymer wherein the method comprises at least following steps: - providing a cellulose polymer or a hemicellulose polymer having at least one hydroxyl group which can be used for forming cellulose or hemicellulose ester, - reacting hemicellulose polymer or cellulose polymer with a residue originating to fatty acid with an aliphatic carbon tail of 4 -28 carbons or ester thereof, for obtain- ing hemicellulose fatty acid ester or cellulose fatty acid ester, - dispersing the hemicellulose fatty acid ester or cellulose fatty acid ester into aqueous solution, - dispersion coating a substrate with dispersed hemicellulose fatty acid ester or cellulose fatty acid ester for preparing a coated substrate and - heating the coated substrate for preparing a substrate provided with a coating, so that the substrate provided with a coating is heat-sealable with the same substrate provided with said coating or with an uncoated substrate.

IPC 8 full level
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